FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: June 27, 1991 Date Submitted: June 17, 1991 Project: 3200-Metro Self Monitor, PO#20419

RESULTS OF ANALYSES OF THE WATER SAMPLE FOR SELECTED METALS BY INDUCTIVELY COUPLED PLASMA (ICP) METHOD 6010 Results Reported as $\mu g/L$ (ppm)

Sample #	<u>Chromium</u>	Copper	<u>Nickel</u>	Zinc
Analyte:				
M20419A	0.04	<0.01	<0.01	<0.01
Quality Assurance				
Method Blank	<0.02	<0.01	<0.01	<0.01
M20419A (Duplicate)	0.03	<0.01	<0.01	<0.01
M20419A (Matrix Spike) Percent Recovery	98%	95%	96%	96%
M20419A (Matrix Spike Duplic	ate)			
Percent Recovery	104%	100%	101%	102%
Sample Spiked at	10	10	10	10

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RESULTS OF ANALYSES OF THE LIQUID SAMPLES FOR SPECIFIC GRAVITY AND PERCENT ACID Results Reported as Listed

Sample #	Specific Gravity	% Acid (as HNO3)		
M20419B	1.01 / 2	(278) C.2%		
M20419C	(1.01) 1.2	288 9.3%		
M20419D	1.00 1.08	138 7.9%		
Quality Assurance				
M20419D (Duplicate)	1.00	13%		

- AS REPORTED BY MARKE FBI 7/8/91
REPORT WILL BE RESHEMITTED A.S. A.P

3008-B 16th Avenue West Seattle, WA 98119

O Dispose after 30 days

6-MZP-C

Return Samples

Call for Instructions

Phone #		Chain of C	ustody Record	PROJECT NA	ME: METER SELF-	MONITO
SAMPLED BY:	17_ D	DATE: 6/1	4/91	PROJECT LO	CATION: 3200 ER:	
1 - 1	ype of # of Containers	Lab Sample#	Analyses Required	Coi	nments	
M20419 A 6/14/91 NI	onea 1	20267	Ca, Cu, Ni, Zu	Щ	NORGONS P.P.M.	
m20419 B 6/14/91 L	19410 1	20268	% Dans, sac ass	Vity		
	iquid	20269	10	,		
	19110	20270	u <i>L</i>			
		 				
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wished by: (Signature)	Time: Date:	FIRM	ived by: (Signature)	IH, INCI	Time: Date:	
Conject by. (Crightime)		NAM				
	Time:	FIRM	f:		Time:	

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

June 27, 1991

Greg Speer, Project Leader Alaskan Copper 628 South Hanford Seattle, WA 98134

Dear Mr. Speer:

Enclosed are the results of the analyses of the samples submitted on June 17, 1991 from Project 3200-Metro Self Monitor, PO#20419.

We appreciate this opportunity to be of service to you on this project. If you have any questions regarding this material, or if you just want to discuss any aspect of your projects, please do not hesitate to contact me.

Sincerely,

Mark Z Perin, Chemist

MZP/sao

Enclosures